

Exploring the GLOBE Student Data Server

1. Dixon Butler is the Chief GLOBE Scientist. In his statement, what does he say makes student observations real science? _____

2. What country was most recently featured in the GLOBE bulletin? _____
3. Find a list of schools by using the clickable world map, or through the GLOBE countries list, or by entering the Student Data Archive. How many New Hampshire GLOBE schools are there? _____

What are the total number of observations provided by New Hampshire GLOBE schools? _____

4. There are 4 icons by each school name. If you look at:
 - * the icon with a # sign tells you _____
 - * the icon with a "i" tells you _____
 - * the icon with the envelope tells you _____
 - * the icon with the graph tells you _____
5. Find by going to the Student Data Archive and using the alphabetical list. Which icon do you click if you want to look at this school's data? _____
Check the Monthly Summary Option to answer the following questions:
 - * Which month has the highest average temperature according to the data they've reported? _____
 - * Which month has the lowest average temperature? _____
 - * What was the most recent precipitation measurement entered by this school? _____
6. What are the 3 GLOBE schools closest to you?

7. What is the latitude and longitude of one of those nearby schools?

8. What button do I click on to get to the GLOBE Welcome page?

9. What are the 3 different ways your school might be featured in the GLOBE star section? _____
What is the one time your school will be featured? _____
10. Which GLOBE school has made the most observations? _____

11. Its totally overcast. I'm having trouble determining the cloud types. Where could I look for an answer to my question?_____

What are the likely cloud types in this situation?_____

12. If you click on the button of the world, what part of the GLOBE website will you enter?_____

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ANSWER SHEET

1. The far left button on the Button Bar (the globe with the kids)

2. Mexico

3. Dutch Host International GLOBE Workshop

4. Mr. Jia Feng

5. 16

6. 26 (As of Jan. 3, 1997)

7. 7908 (As of Jan. 3, 1997)

8. Observation count

School information

GLOBE Mail

Data collected

9. August 1996

January 1996

45.0 mm

10. What are the 3 GLOBE schools closest to you?

11. What is the latitude and longitude of one of those nearby schools?

12. I will be using your data to help run computer models which predict the way soils work in the ecosystem. I will also be using the data to check and improve soil maps that soil scientists are using today.

13. Schools making news

Schools sending data for the first time

Schools providing many observations

14. Kingsburg High School, Kingsburg, California, United States

15. Visualizations

16. Protocol button on the Button Bar

Stratocumulus, Stratus, Cumulonimbus, Nimbostratus